



A NEW PLAQUE HONORS Y-12's safety performance as Clarence Johnson, head of the Safety Department, hangs the honor earned from the Tennessee Department of Labor. The plaque was presented at a luncheon recently in Knoxville.

## Tennessee Department Of Labor Honors Y-12's Safety Performance For 1965

The Tennessee Department of Labor has honored the Y-12 Plant for its 1965 safety record. C. E. Johnson, Safety Department Head, accepted the plaque in behalf of all employees at a luncheon recently at the Farragut Hotel, Knoxville.

The plaque, the first one of its kind given to Y-12, reads: To Union Carbide Corporation, Nuclear Division . . . For a Successful Ac-

cident Prevention Program Which Has Eliminated The Needless Loss Of Life, Limb And Property.

W. H. Parham, Commissioner of Labor, State of Tennessee, presented the plaque . . . stating the efforts to minimize suffering in Y-12 were commendable. The Department gives industrial establishment these awards for outstanding achievements in preventing accidents on-the-job.

The Great Seal of Tennessee appears at the head of the plaque.

## April 18-24 Designated As Cleanup Week

Next week, April 18-24 has been set aside as that "extra effort" time when housecleaning occupies a special part of our time.

Division representatives met this past Monday to coordinate plans to get rid of the winter's accumulation of rubbish. By this time, inspections should have started in all the plant's areas. Recommendations on housekeeping and fire prevention are the main concern of the coordinators.

The Salvage Department stands ready to assist in "getting the junk down the road." Just give them a buzz on extension 3-7972, and they'll be happy to make extra pickups this week and next.

An audit of your complete work area is in order. Check the storage bins, cabinets, shelves, racks and see if there is material there no longer needed . . . or just plain surplus stuff. It's a good opportunity to literally clean house, while everyone else is in the mood, and while there are other plant people willing to assist.

### Fire Prevention

Fire prevention efforts . . . both in the Spring and in the Fall . . . have paid good dividends to Y-12ers. Yet too many needless fires do occur, disrupting work and causing serious damage to the plant and materials. Let's don't give fire a place to happen. A clean house seldom burns, says the National Fire Prevention Association.

The Safety Department will assist the efforts all during April with a word-of-mouth campaign on Spring Clean-Up.

As the grounds in Y-12 take on a fresher look with Spring in the air . . . it is time we looked to the inside, too. Make sure that your working area matches the bloom outside.

### Unobstructed Extinguisher

Inspectors will also check fire-fighting extinguishers next week to ascertain that all are functioning properly, and that there is a clear, unobstructed path to each.

Continued on Page 4

## Plant Contributes More Than Its 'Fair Share' Of Auto Accidents

### Oak Ridge Operations Reports 106 Vehicle Mishaps In 1965; Y-12 Had 41 Of These!

Are Y-12ers good or bad drivers?

Statistics compiled by the U.S. Atomic Energy Commission shed some interesting facts on vehicular accidents, particularly in-plant accidents.

A total of 106 motor vehicle accidents was recorded for 1965 in the Oak Ridge Operations . . . with Y-12 contributing 41 of these or 38.7 per cent of the total. (Well, Y-12ers drive more than employees in the other plants, one might think. Not so, say the statistics! In this plant, employees logged a total of 2,120,746 miles during the year . . . only 20 per cent of the total ORO mileage recorded.)

### Team Studies Factors Causing Auto Accidents In Y-12

A survey team looked into the factors causing vehicular accidents. Adequate road markings, good physical condition of the roads, and satisfactory lighting and parking areas were noted. Not one clear-cut case could be found which could be attributed to defective vehicle condition.

Then what caused the 41 accidents in Y-12 last year? Driver error, the report concluded. Approximately half of the accidents reported were of the backing-up nature. Driver error, the easiest of the factors to correct, is yet the most elusive of problems.

Another revealing aspect of the report was that approximately half the accidents involved salaried personnel; i. e., leaders in safety, who are supposedly telling other employees how to be safe.

### Report Shows Declining Frequency Rate Of Accidents

Other than the "discouraging word" on traffic safety, the year's-end "personal" safety" report showed Y-12 with the lowest frequency rate in the last five years. A five-year comparison follows:

Frequency Rate Comparison  
(Number of Disabling Injuries per Million Man-Hours)

Year	Y-12	ORO	AEC	Chemical Industry	All Industry
1961	1.27	2.00	2.03	3.26	5.99
1962	.57	1.75	1.97	3.31	6.14
1963	.42	1.15	1.53	3.32	6.12
1964	.68	1.54	2.06	3.13	6.45
1965	.39	1.26	1.69	**	**

\*\*Not Available.

Compare the disabling accident-frequency rate of .39 with the 19.33 for motor vehicle rates for the year 1965.

Y-12's management took a cold, hard look at the statistics, particularly those of the auto accident nature. Stricter adherence to driving safety must be the increased efforts for 1966.

Damages to government vehicles, to say nothing of the danger of injuries, must and can be reduced.

### Always Look Before Backing Vehicle Into Road

One rule to remember is "look before you back up." A slight toot of the horn is recommended also, to alert other motorists of your intentions to back the vehicle. (If backing-up accidents could be eliminated, the auto accident rate could be cut in half!) Rear-view mirrors should be utilized to their fullest. They are installed on vehicles for a purpose. Make sure the right-of-way is clear in all directions before backing up.

While we implicate high speed, drinking, and reckless driving as contributing factors of the high accident-rate on the highways, these reasons can not be applied to in-plant travel. Nor can we jokingly blame the "women drivers!"

"The fault, dear Brutus, is not in our stars . . . But in ourselves!"

As stated, this is the most corrective of any factors in our accident-prevention program.

We as individual drivers . . . operators of government vehicles . . . can exercise more care where a moving vehicle is concerned. Due to the nature of the plant, its size and magnitude, we, of necessity, have to rely on automobiles for in-plant transportation.

But we must rely on our own resources of alertness and care. We must treat government property as our own . . . as indeed it is.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
38 Days Or  
1,045,000 Man-Hours  
Through April 10  
Without A Disabling  
Injury  
Phone 3-7755  
(Unofficial Estimate)  
For Daily Report  
On Accident-Free Hours

### Badge Exchange Ends At 11 p.m. Tonight

The Badge Exchange, currently in swing, comes to an end tonight, April 13, at 11 p.m.

If you still wear the "old blue" of winter, guards will not admit you at the portals tomorrow.

After the bell tolls tonight, you'll have to go to Badge and Pass, Building 9704-2, for that new identification badge.

6-12974



A UNION CARBIDE CORPORATION patent application was recently granted S. E. Groothuis, Instrument Engineering, for his development, a "Recording Device." F. S. Patton, left and B. B. Bell, right, both of the Engineering Division, present Groothuis his congratulatory letter.



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG ..... Editor



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## May Target: Off-The-Job Accidents!

Again this year, the target is Off-The-Job Accidents. All during the month of May, emphasis will be placed on those non-job related mishaps that plague not only our plant, but industry as a whole.

The automobile, home shops, the kitchen, the lawn, the garden, the swimming area or other recreational spots . . . all come in for their share of blame in crippling and maiming all of us.

This year, individuals who have had harrowing accidents will relate their own stories to fellow employees with the hopes that we will learn something from others' experiences.

### Numbers Increase Yearly

Look around you. What fellow Y-12er do you know who was injured last year? Injured in some manner away from work. Either in a car wreck, lawnmower accident, a fall, a dangerous spill on water skis, a painful burn while preparing that out-door barbecue, a sun-burn, and so the list goes? Within our own circle of friends we can begin to count them. And the number increases yearly. Not dramatically, sometimes, but just as deadly.

This unseen plague costs man-hours, money in doctor and hospital bills, and often costs life itself.

It is pointed out many times that we as employees are much safer in the plant that we are at home or on the highway. It seems logical that some of this safety consciousness at work can be spread into our own personal time, be it recreation or home-work or otherwise.

### Share Your Experience

Did some careless action cause you a painful injury recently? The Bulletin is collecting eye witness accounts of injuries folks sustained during 1965 to include in the big push next month. We will be happy to relate your own story in your own words. Perhaps all of us may be able to profit from a slight mistake you may have made. Just give us a call on extension 3-7100.

Several major "home scenes" are being prepared for publication next week and on through May. Any suggestions?

### WALK WITH OTHERS

"We cannot walk alone as the big brother of every nation in the world. We must walk with others wherever and whenever that course is open to us. And in so doing, we must encourage other nations to assume their fair share of responsibility." Arthur Goldberg, Ambassador to the United Nations.

## New Withholding Schedule Is Set For Paychecks After May 1

A new system of withholding taxes will go into effect May 1. The rate at which Federal income taxes will be withheld will more closely approximate the rate upon which an employee's 1966 liability is based. However, there is no increase in your tax under the new withholding system.

Since March 5, 1964, your tax has been withheld at the flat rate of 14 per cent of net earnings — gross earnings less exemptions claimed. On earnings paid on or after May 1, 1966, however, tax will be withheld at graduated tax rates ranging from 14 per cent to 30 per cent of your net earnings. The tax rates will vary according to a person's bracket of taxable earnings and — and this is important — according to his marital status. For the same level of net earnings, the rate is higher for single persons and unmarried heads of households than for married persons and surviving spouses.

Therefore, it is important for each employee to file a revised Form W-4, Employee's Withholding Exemption Certificate, with the paymaster, indicating, among other things, your marital status. Please note you must indicate on the W-4 Form whether you are married or single. If no revised Form W-4 is filed, the Payroll Department is required to withhold at the higher rate for single people.

### Revised W-4 Forms Must Be Returned By April 25

The revised Form W-4 must be in the hands of Payroll by April 25, in order that withholding under the new graduated rate, according to marital status and other withholding instructions on the form, is applied to earnings paid on or after May 1.

W-4 forms are being circulated to every employee so that revised ones may be filled out and returned to the Payroll Department.

### Marital Status Will Make Difference In New Schedule

The following tables indicate the new schedules to go into effect. All annual earnings are based on taxable income. (To find your taxable income, subtract annual exemptions at the rate of \$700 each.) Remember, the new rate is on a graduated basis . . . and different for married and single persons. (Many employees in the past have even gone to minus dependents in order that their withholding taxes at the end of the year will be more in line with what they owe. The new system will, in most cases, eliminate the necessity for this.)

Single Employee			
Annual Income		Annual Graduated Tax Withholding	
\$ 201-\$ 700	.14 x	adjusted taxable income, minus \$ 28	
\$ 701-\$ 1,200	.15 x	adjusted taxable income, minus \$ 35	
\$ 1,201-\$ 4,400	.17 x	adjusted taxable income, minus \$ 59	
\$ 4,401-\$ 8,800	.20 x	adjusted taxable income, minus \$ 191	
\$ 8,801-\$11,000	.25 x	adjusted taxable income, minus \$ 631	
\$11,001 up	.30 x	adjusted taxable income, minus \$1,181	
Married Employee			
\$ 201-\$ 1,200	.14 x	adjusted taxable income, minus \$ 28	
\$ 1,201-\$ 4,400	.15 x	adjusted taxable income, minus \$ 40	
\$ 4,401-\$ 8,800	.17 x	adjusted taxable income, minus \$ 128	
\$ 8,801-\$17,700	.20 x	adjusted taxable income, minus \$ 392	
\$17,701-\$22,000	.25 x	adjusted taxable income, minus \$1,277	
\$22,001 up	.30 x	adjusted taxable income, minus \$2,377	

Divide annual tax withholding by number of payroll periods in a calendar year (52 for employees paid weekly, 12 for monthly). This results in the tax to be withheld for the payroll period.

### Compute 1966 Tax Liability To See How You Are Faring

You can estimate your tax liability for 1966 based on your expected income for this year and using the tax tables on 1965's tax instructions. In comparing the estimated amount of your 1966 tax liability with the total amount to be withheld, you should take into consideration the amount already withheld prior to May 1 and the amount to be withheld in the future under the new regulations.

Meanwhile, IRS folks leave a gentle reminder that midnight Friday, April 15, is the deadline for filing 1965's tax returns. (If it's not one thing, it's two!)

## Health Physics Lecture Series Set Tomorrow

H. V. Heacker, Atomic Energy Commission, will conduct this week's lecture for the East Tennessee Health Physics Society. The lecture is set for tomorrow, April 14, at 7:30 p.m. in the conference room of the Oak Ridge Institute of Nuclear Studies Medical Division Building on East Vance Road, Oak Ridge.

Anyone interested in the aspects of radiation safety and health physics is welcome to the meeting.

Heacker will discuss "Environmental Radioactivity and Survey" tomorrow.



Ride wanted or will join car pool from West Outer Drive, Pennsylvania Avenue Section, Oak Ridge, to Central Portal, 8 a.m. to 4:45 p.m. shift. George F. McPherson, plant phone 3-7272, home phone Oak Ridge 483-4853.

Carl pool member wanted from South Clinton (or Clinton) to North or Central Portal, straight day. Ed McCombs, plant phone 3-7918, home phone Clinton 457-1495.



DEBORAH DENTON has been chosen Future Homemakers of America queen at Sweetwater High School. She was selected at the Annual Fashion Show March 25. Deborah, a sophomore at SHS, is the daughter of Mr. and Mrs. Kenneth Denton, and a member of the Science Club. She is also Historian of the FHA. Denton is in Y-12's Accounting and Budgets Department.

## Kingston Club Is Planning Art Show

The Annakusa Club in Kingston is sponsoring a Sidewalk Art Show, Saturday, May 14, from 10 a.m. until 4 p.m. on the Court House lawn. Kingston. They welcome all varieties of crafts, such as needlework, jewelry, ceramics, furniture, metalwork and pottery, as well as oils, pastels, watercolors and other art media.

There is no entry fee or form to complete. Exhibitors are to bring their own work to the Court House by 9:30 a.m. that morning and pick it up not later than 4:30 p.m. Club members will be present during the show hours, but exhibitors wishing to sell their merchandise should plan to conduct their own sales.

Further information may be obtained on the show by calling Kingston 376-6018.

## Pollock To Speak Tomorrow To IEEE

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will hear Bill Pollock tomorrow, Thursday, April 14. The meeting is set in the Green Room of the Ridge Recreation Hall, at 7:30 p.m.

Pollock, owner of the Music Box, will discuss the latest developments in home music systems, including some advantages and disadvantages of solid state equipment.

All IEEE members and interested parties are welcomed at the meeting.

### GROCERY BILLS

The average American family spends one-quarter of its income on food.



Frustration relieved — Fast, Fast, Fast!

Hundreds of thousands of dollars worth of used equipment are pressed into service yearly. To swing a sale a certain amount of irritation is usually involved somewhere along the line because of lack of information about the item in question being hi-jacked.

A tremendous help is that little property tag Y-number which every now and then requires standing on your head to read. If you call Property Department, extension 3-5321, and tell the lady the Y-number she'll cheerfully price the original purchase order in about 30 seconds and read it to you. Vendor, description, price, horsepower, etc. More details can be obtained from Engineering Records, Building 9739, telephone 3-5986. Tell them manufacturer, building, and P.O. number and they'll pull vendor data file as fast as you can say Manning, Maxwell and Moore.

Happy Hunting, Men!

## J. L. Fowler Leads Physics Division Seminar

J. L. Fowler, Physics Division, will lead this week's seminar, discussing "Neutrons, Doorway States, and the CCCP."

The seminar is set for Thursday, April 14, at 3:15 p.m. in the Central Auditorium of the 4500 Building.





**WHO SAID THE BEATLES STARTED LONG HAIR?** Look at one of Y-12's football stars of yesteryear. It's none other than Harry G. Conner, Dispatching, as he acted as captain of the Oak Ridge High Wildcats some years ago. (And we promise again to stop digging in the archives!)

## Recreation



**Friday, April 15**

SPRING DANCE: 9 p.m., Oak Terrace Ballroom.

**Sunday, April 17**

SKEET TOURNAMENT: 1 p.m., Oak Ridge Sportsmen's Association.

**Tuesday, April 19**

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

**Wednesday, April 20**

IN-DOOR RIFLE LEAGUE: 7 p.m., Anderson County Gun Club.

**Thursday, April 21**

SOFTBALL LEAGUE: 4:30 p.m. deadline for filing team entries.

BOWLING: Classic League, 5:45 p.m., Roll-Off, Ark Lanes.

**Saturday, April 23**

FISHING RODEO: 6 a.m.-5 p.m. Stardust Boat Dock, Norris Lake, E, F, G, H and J Shifts.

HI-POWERED RIFLE LEAGUE: 8:45 a.m., Oak Ridge Sportsmen's Association.

### PATENT PENDING

The man who figures out why a man's shirt creeps up . . . and a woman's slip slides down could make a fortune.

## C League Rolled Finals Last Week

The 12-team C Bowling League got in its last licks last week . . . and the Badgers dropped four points to the Strikers. They couldn't care less, having already cinched the last half of league action. Other sweeps went to the Sunflowers over the HiLifers, the Rollmasters past the Big Five, the Fireballs victorious over the Invalids, the Strikers superior to the Badgers and the Shud-A-Beens past the Rodders. The only three-point win of the night went to the Rounders over the Parbusters.

H. V. Tripp Jr., Sunflowers, had high singles of the final night, rolling a 226 scratch game, 254 handicap game. J. E. Morgan, Rounders, posted a 593 scratch series . . . and Hubert's 662 handicap series was high.

The Sunflowers swept team honors . . . singles of 893 scratch, 1024 handicap . . . series of 2579 and 2972.

Final league standings:

Team	W	L
Badgers	43	17
Rounders	36	24
Sunflowers	36	24
Rollmasters	34	26
Fireballs	32	28
Strikers	31	29
Rodders	29	31
Parbusters	27	33
Invalids	24	36
HiLifers	24	36
Shud-A-Beens	24	36
Big Five	20	40

## Bumpers Still In Classic Lead

With one more night of action, the Bumpers still hold a two-point lead in the Classic Bowling race. Last week, the Swingsters moved up by sweeping four from the Wasps, the Has Beens took four from the Smelters and the Splinters took the Tigers for four. The only three-point win of the week went to the Wolves over the Markers. Sharing two were the Bumpers-Playboys, the All Stars-Rebels, and the Rippers-Cubs. The Eightballs and Screwballs had to postpone their match because of last week's big forest fire.

Bill Hackett, All Stars, rolled high singles of the week, posting a 218 scratch, 249 handicap game. Ray Galford, Bumpers, had a scratch series of 621 . . . and Hackett posted a 696 handicap series.

The Swingsters scored a 921 scratch count in singles . . . while the All Stars took a 1036 handicap single score. The Stars were high on series in scratch count also with 2705 . . . while the Rebels rolled a 3002 handicap series.

League standings follow:

Team	W	L
Bumpers	39	17
Markers	37	19
Swingsters	37	19
All Stars	33	23
Rebels	32	24
Has Beens	32	24
Wolves	31	25
Eightballs	29	23
Playboys	28	28
Tigers	26	30
Rippers	26	30
Splinters	26	30
Cubs	20½	35½
Smelters	18½	27½
Screwballs	16	36
Wasps	13	43

## Shifters Set Rodeo For Norris

E, F, G, H and J Shiftmen, fresh from one fishing rodeo . . . are now set to plunge into another one. This one is staged for Saturday week, April 23, from 6 a.m. until 5 p.m. at the Stardust Boat Dock, Norris Lake.

There is no charge for entering the competition. All Y-12 employees with spouse, son and daughter are eligible to enter. There will be awards in small-mouth and largemouth bass, crappie, pike and bream.

At this time of the year, fishing on Norris should be about its best . . . so come on out and help take the fine awards. Bring the kids along; they like to fish.

Dale and LaVerne Culbertson at Stardust can fix you up with a fine ham and bisquit breakfast, if you will just give them the order.

There's bait available at Martin's on the way up, or you can get it at the dock. All of it is big fish bait and almost guaranteed.

That's Saturday week, April 23, at Stardust.

### PLANT MEDICINE

Chemistry is the key to the ultimate practice of internal medicine on plants, according to Dale M. Norris, University of Wisconsin's entomology department. Citing an example of a new chemical anti-pest bandage, which would be wrapped around a tree in springtime and would kill all insects feeding on the tree during the growing season, Professor Norris said, "We have suitable chemicals and the necessary knowledge to get them into the tree. All that is needed is for some commercial firm to work out the details and put it on the market."

Doing something right always means doing it safely also.



**ROLLING THEIR FINAL THROWS** of the season last week was the Mixed Bowling League for Y-12 men and women. In the top photograph are the Chumps . . . seated Ernestine Teeter and Jane Brown. Standing are Jim Davis and Jim Thompson. In the lower photograph are the Goofers who came within a half-point of taking the last half of league action. From left are Virginia Newby, Bill Stephens, Betty Tripp and Bob Hagood.

## Better Halves Take Mixed Bowling Tilt From Goofers By A Mere Half-of-a-Point

The Better Halves squeaked through with a half-point lead to take the Mixed Bowling League's last half last week. They slipped by the Chumps for three to finish a hair's-breadth away from the Goofers, who took four from the Subs.

The Twisters knocked the Alley Cats from the cat-bird-seat by twisting three away from them. The Mustangs took four from the Blue Angels, in the only match of the league that didn't matter, as far as top berth was concerned.

Irene Carmack, Mustangs, rolled a 197 scratch, 232 handicap single. Her 493 scratch series was high also. Donna Ferguson, Twisters, rolled a 600 handicap series.

Bill Stephens, Goofers, flashed through to take all male honors, singles of 235 scratch, 254 handicap . . . series of 584 scratch, 640 handicap.

The Goofers gained singles honors . . . 659 scratch, 789 handicap . . . and series scratch of 1932. The Mustangs posted a 2282 handicap series.

A roll-off to determine the league champs is set tonight between the Better Halves and Blue Angels, who won the league's first half.

Team	W	L
Better Halves	35	21
Goofers	34½	21½
Alley Cats	33½	22½
Mustangs	29	27
Twisters	23	28
Blue Angels	24	32
Subs	22½	33½
Chumps	17½	38½

## Tee-Off Time Application For Lambert Acres Tournament

**Saturday, April 30**

Foursome

Leader

Leader's office phone \_\_\_\_\_

Home phone \_\_\_\_\_

Tee-Off Time Preferred \_\_\_\_\_

Fill out completely and return to the Recreation Office, Building 9704-2. Deadline for entering is 4:30 p.m. Wednesday, April 27. Tee-off times will be drawn the next day, Thursday, April 28, at 8:30 a.m.

## Y-12 - ORNL SOFTBALL LEAGUE 1966 Entry Form

Name of Team \_\_\_\_\_

Manager \_\_\_\_\_ Plant \_\_\_\_\_ Home \_\_\_\_\_  
Phone: \_\_\_\_\_ Phone: \_\_\_\_\_

Asst. Mgr. \_\_\_\_\_ Plant \_\_\_\_\_ Home \_\_\_\_\_  
Phone: \_\_\_\_\_ Phone: \_\_\_\_\_

Deadline for Entry 4:30 p.m., April 22, 1966.

Complete fully and mail to Recreation Department, Building 9704-2.



**UNION CARBIDE** UNION CARBIDE CORPORATION  
NUCLEAR DIVISION

RETURN POSTAGE GUARANTEED

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Oak Ridge, Tennessee—37830

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Mrs. Robert Edward Upchurch



#### UPCHURCH - HIGHTOWER

A 4 p.m. ceremony, Saturday, March 19, united Miss Janet Eline Hightower and Mr. Robert Edward Upchurch in marriage. The wedding took place at the First Methodist Church, Oak Ridge, with the Reverends W. M. Seymour, Chattanooga, and C. P. Hardin, Oak Ridge, officiating.

The bride is the daughter of Mr. and Mrs. E. C. Hightower (He is in Y-12's General Machine Shop), 117 South LaSalle Road, Oak Ridge. The groom is the son of Mr. and Mrs. B. L. Upchurch, Sparta.

Mrs. Kay Hamrick, vocalist, and Mrs. Thompson, organist, provided the nuptial music.

The bride chose for her wedding a gown of imported silk linen with a scoop neckline and long pointed sleeves. The unpressed pleats formed a full chapel train. Her veil was of imported lace, and she carried white gardenias.

Miss Elizabeth Woodrow, Birmingham, Alabama, was maid-of-honor. Other attendants were Miss Lynn Hightower, Birmingham; Mrs. Nola Stanley, Nashville; and Miss Nancy Kiser, Clinton.

Serving the groom as attendants were Robin Textor, Oak Ridge, best man; and Richard Upchurch, Nashville; Dr. E. C. Hightower Jr., Nashville; and Richard Colson, Huntsville, Alabama, ushers. Alexander Hightower, brother of the bride, was the candle lighter.

The bride attended the University of Tennessee where she was a member of Sigma Kappa Sorority. The groom attended the Tennessee Technological Institute, Cookeville; and is employed by the Division of Technical Information Extension, U.S. Atomic Energy Commission. Mrs. Upchurch is in Y-12's Buildings, Grounds and Maintenance Shops.

A reception honored the couple immediately following the ceremony at the church.

The couple is at home at 111 Valparaiso Road, Oak Ridge.

tenance, April 18.

**Kenneth E. Smith**, General Mechanical Engineering, April 18.

**James N. Brewer**, General Machine Shop, April 18.

**Ralph V. Guy**, Janitors Department, April 19.

#### 10 YEARS

**Glynn H. Kitchings**, General Mechanical Engineering, April 15.

**Billie H. Britton**, Production Analysis, April 18.

"It is now proved beyond doubt that smoking is one of the leading causes of statistics." — Fletcher Knebel.



WITH THE COMING OF SPRING comes the Y-12 Spring Dance, Friday night at the Oak Terrace. Alan Atkins and his orchestra will provide music for dancing from 9 p.m. until 1 a.m. That's Alan to the right with the trumpet.

## Plans All Laid For Big Spring Dance For Y-12ers Friday At Oak Terrace

With the Easter cold snap out of the way, things are warming up in this area. Friday's big party will contribute to the general warmth of the season . . . as Y-12 celebrates the rites of Spring with its big dance.

Alan Atkins and his fine orchestra will be motoring over this way for tunes to set the feet astir.

Door prizes are already wrapped for the lucky winners. There are a transistor radio, badminton set, electric carving knife, an ice cream freezer, a weather-watcher and a waffle iron to be given out. Dancing begins promptly at 9

p.m. at the Oak Terrace Friday night . . . and continues until 1 a.m.

Ticket sellers, winding up their business this week, are:

	Bldg.
Mary Thompson	9998
Daisy Ward	9995
Jo Ann Isham	9212
Wanda Podeweltz	9212
Bobbie Watkins	9212
Faye Duncan	9215
Margaret Kirby	9723-14
Helen Long	9723-15
Frances Donahue	9734
Bobby Hopkins	9733-1 & 2
J. P. Smith	9733-3
Joyce Williamson	9739

Shirley Humphrys	9720-8
Jo Oldham	9204-4
Marilyn Barnhill	9204-2
Mary White	9720-6
Donna Ferguson	9737
Margaret Cook	9201-1
Mildred Scott	9706-2
Doris Matthews	9706-2
Charlie Gillihan	9706-1
Ernestine Elam	9203
Cleo Sideris	9202
Jeanne Cothron	9202
C. M. (Hap) West	9711-1

The ducats are merely \$1.50 each . . . or \$3 for the two of you. They are available at the Cashier in the Cafeteria and in the Recreation Office, as well. Advance tickets will eliminate your standing in the lobby Friday night.

Tables will not be reserved inside the ballroom, as is always the custom. They go on a first-come, first-served basis.

That's this Friday. Come on out and help fellow employees celebrate Spring. It is here at long last, and let's make the most of it. It's been a hard Winter!

### April 18-24 Is Spring Clean-Up Week

Continued from Page 1 of them.

Good housekeeping makes good sense. It not only reduces the chances of fire, it often eliminates hazards in our work area.

Let's make this Spring Clean-Up the usual success.

#### STICKY BUSINESS

Space-age adhesives are the key to safety in our expanding use of space capsules, rockets, jet planes and helicopters. Developed to prevent "sonic fatigue" . . . cracks in metals and seams cause by vibration at high speeds . . . new space-age glues are destined to be one of the most important phases of chemical progress. Already indispensable in the construction of space and jet aircraft, it is only a matter of time before these remarkable bonding agents are used extensively in automobiles, buildings and in other everyday applications.



April, "preparing her green traffic light," sees more Y-12ers crossing important landmarks with Union Carbide Corporation. Congratulations.

#### 15 YEARS

**Roy C. Crawford**, General Metal Fabrication Shop, April 13.

**Gurnie D. Treece**, Process Maintenance, April 13.

**James B. Strickland**, Research Services, April 16.

**Robert E. Lively**, General Metal Fabrication Shop, April 16.

**Lawrence O. Heath Jr.**, Casting Department, April 16.

**J. D. Hall**, Radiation Safety, April 16.

**Wyatt A. Wood**, Buildings, Grounds and Maintenance Shops, April 16.

**Earl H. Johnson**, General Expediting and Auxiliary Services, April 16.

**Troy E. Brantley**, Alpha Five Machine Shop, April 16.

**James L. Johnson**, Machine Maintenance, April 17.

**Fred A. Harris**, Metallurgical Development, April 17.

**Lon C. Dunsmore**, Chemical Services, April 17.

**George H. Caylor**, Beta Two Forming, April 17.

**Emory E. Burns**, General Field Shops, April 17.

**Robert Q. Love**, Dispatching Department, April 17.

**Kinser C. Blankenship**, Dimensional Inspection, April 18.

**Dorothy H. Wiginton**, Chemical Services, April 18.

**Keith F. Martin**, Process Main-

